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ABSTRACT

Simple machines have become a lost point of study in elementary schools as teachers continue to have more material to cover. This manual provides hands-on, cooperative learning activities for grades three through eight concerning the six simple machines: wheel and axle, inclined plane, screw, pulley, wedge, and lever. Most activities can be performed using low cost, everyday classroom supplies such as masking tape, rulers, rubber bands, and paper clips. Chapter topics include: (1) making equipment at little or no cost, (2) levers, (3) pulleys and wheels and axles, (4) inclined planes, screws, and wedges, (5) friction, (6) mechanical advantage, (7) bulletin board and learning center ideas, (8) a hands-on final test, and (9) a glossary. (MVL)

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